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UTILITY PATENT APPLICATION

TRANSMITTAL (only for new non-provisional applications under Docket No. ORT-1461 First Named Inventor or Application Identifier LUUKKONEN, Mattias

Express Mail 37 CFR 1.53(b)) Label No. EK275419114US APPLICATION ELEMENTS ADDRESS TO Assistant Commissioner for See MPEP Chapter 600 concerning Patents utility patent application contents. Box Patent Application Washington, DC 20231 Fee Transmittal Form (attached hereto in duplicate)
 Specification | Total Page Microfiche Computer Program (Appendix) [Total Pages: 83] 7. Nucleotide and/or Amino Acid Sequence Submission (Preferred arrangement set forth below) (if applicable, all necessary) Descriptive Title of the Invention Computer Readable Conv Cross References to Related Applications Paper Copy [Total Pages: 2] Statement Regarding Fed sponsored R&D (identical to computer copy) Reference to Microfiche Appendix Statement verifying identity of above copies Background of the Invention ACCOMPANYING APPLICATION PARTS Brief Summary of the Invention Assignment Papers (cover sheet & document(s)) Brief Description of the Drawings (if filed) 37 CFR 3.73(b) Statement Detailed Description (when there is an assignee) Claim(s) Power of Attorney Abstract of the Disclosure English Translation Document (if applicable) Information Disclosure Statement (IDS)/PTO-1449 Drawing(s) (35 USC 113) [Total Sheets: 12] Copies of IDS Citations Preliminary Amendment

4. Oath or Declaration

Newly executed (original or copy)
Unexecuted original Copy from a prior application (37 CFR 1.63(d))

(for continuation/divisional check boxes 5 and 16) Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in

the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5. Incorporation by Reference (useable if Box 4c is checked) The entire disclosure of the prior application, from which a conv of the oath or declaration is supplied under Box 4c, is considered as being part of the disclosure of the accompanying

 Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

 Certified Copy of Priority Document(s) (if foreign priority is claimed)

15. Mother: Express Mail Certification

| | reation and is necessy incorporated by reference therein. |
|------|--|
| 6. 🔲 | If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: |
| | Amend the specification by inserting before the first line: This is a |
| | Continuation |
| | Divisional |
| | |

Continuation-in-Part (CIP) of prior application No.: , filed 17. For DIVISIONAL APPLICATION, please cancel original Claims of prior application before calculating filing fee

18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label OR Correspondence Address below Philip S. Johnson, Esq. Name: Address: Johnson & Johnson

One Johnson & Johnson Plaza New Brunswick, New Jersey 08933-7003, U.S.A. TELEPHONE CONTACT: Please direct all telephone calls or telefaxes to John W. Wallen, III at:

Telephone; (858) 784-3239 Fax: (732) 524-2808 19. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME John W. Wallen, III, Esq Reg. No. 35,403 SIGNATURE DATE 1 August 2001

| | Comple | ete if Known |
|-----------------|----------------------|---------------|
| | Application Number | |
| FEE TRANSMITTAL | Filing Date | 1 August 2001 |
| | First Named Inventor | LUUKKONEN |
| | Group Art Unit | |
| | Examiner Name | |
| | Attorney Docket No. | ORT-1461 |

FEE CALCULATION

CLAIMS AS FILED

| (1) | (2) | (3) | (4) | (5) |
|---------------------------------|-----------------|-----------------|------------|-------------------------|
| FOR: | NUMBER FILED | NUMBER EXTRA | RATE | BASIC FEE (\$710.00) |
| TOTAL CLAIMS | 24 - 20 = | 4 | x 18.00 | \$ 72.00 |
| INDEPENDENT CLAIMS | 14 - 3 = | 11 | x 80.00 | \$880.00 |
| MULTIPLE DEPENDENT CLAIMS | | N/A | \$270.00 | |
| | | | TOTAL FEES | \$1662.00 |

METHOD OF PAYMENT

- Please charge Deposit Account No. 10-0750/ORT-1461/JWW in the amount of \$1662.00. Three copies of this sheet are enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this communication, or credit any overpayment, to Account No. 10.0750/ORT-1451/IVW. Three copies of this sheet are enclosed.

| | | | Complete (if applicable) |
|--------------------------|---------------------|----------------|--------------------------------|
| Typed or Printed Name | John W. Wallen, III | | Reg. No. 35,403 |
| Signature | MURBURAL | Date: 08/01/01 | Deposit Account No. 10-0750 |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mattias LUUKKONEN, Ashlee MOSES, Klaus FRUEH, Jav NELSON.

Yolanda BELL, Michael HEINRICH and Kenneth SIMMEN

For: GENE EXPRESSION PROFILE FOR KSHV INFECTION

AND METHODS FOR TREATING SAME

Filed: 1 August 2001

Express Mail Certificate

"Express Mail" mailing number:

EK275419114US

Date of Deposit:

1 August 2001

I hereby certify that this complete application, including specification pages, claims, informal drawings, Declaration and Power of Attorney (unsigned), and Sequence Listing diskette, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Amy M. Sheridan

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mattias LUUKKONEN, Ashlee MOSES, Klaus FRUEH, Jay NELSON,

Yolanda BELL, Michael HEINRICH, and Kenneth SIMMEN

Serial No.: NOT ASSIGNED Art Unit:

Filed: 1 August 2001 Examiner: NOT ASSIGNED

For: GENE EXPRESSION PROFILE FOR KSHV INFECTION AND

METHODS FOR TREATING SAME

Assistant Commissioner for Patents Washington, D.C. 20231

REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Sir:

Submitted herewith is a computer readable form of the Sequence Listing with the appropriate statements that the computer readable and paper copies are the same.

The following statements are made as required by 37 C.F.R. 1.821(f): I hereby state that the information recorded in computer readable form of the Sequence Listing is identical to the written sequence listing.

ctfully submitted.

/John W. Wallen, II Reg. No. 35,403

Attorney for Applicant(s)

Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003 (858) 784-3239 DATED: 1 August 2001